

Author Index

- Al-Rubeai, M., 68
- Bernard, A.R., 51
Beuvery, E.C., 213
Biselli, M., 29
Blasey, H.D., 51
Borney, F., 13
- Cairó, J.J., 133
Casas, C., 133
Cerckel, I., 185, 195
Chang, H.N., 41
Choe, T.B., 41
Choi, S.K., 41
Coco-Martin, J.M., 213
Constantinidis, I., 1
- D'Urso, C.M., 13
Dal Canto, B., 13
Damgaard, B., 133
Degouys, V., 185, 195
Dowseth, A.B., 67
Dubois, D., 185, 195
- Eisinger, D.P., 21
Eto, Y., 107
- Fabry, L., 185, 195
Fligiel, S.E.G., 89
Friedl, P., 203
- Garcia, A., 185, 195
Gätgens, J., 29
Gòdia, F., 133
Griffiths, J.B., 125
- Harfield, J., 195
Hashimoto, K., 175
Hashizume, S., 161
Hillegas, W.J., 89
Hosoi, S., 79
- Inman, D.R., 89
Itoh, S., 79
- Jeon, B.C., 221
- Kato, M., 161
Kim, H.K., 221
Kim, Y.N., 221
Kronman, C., 115
- Lazar, A., 115
Lee, H.Y., 221
Lemieux, R., 99
- Martens, D.E., 213
- Metzinger, L., 55
Miller, A.O.A., 185, 195
Miller, K., 69
Miyaji, H., 79
Mochizuki, K., 161
Modha, K., 227
Murata, M., 143
- Nakamori, S., 107
- Oh, D.J., 41
Onodera, K., 143
- Papas, K.K., 1
Park, Y.S., 221
Passaquin, A.-C., 55
Perreault, J., 99
Poindron, P., 55
- Racher, A.J., 125
Reuveny, S., 115
Revoltella, R.P., 13
Rizzino, A., 69
Runstadler, P.W., 29
- Sambanis, A., 1
Sanfeliu, A., 133
Sato, S., 79, 161
Sato, M., 79
Schrumpf, G., 203
Serrero, G., 21
Shafferman, A., 115
Shibai, H., 107
Shimizu, M., 175
Solà, C., 133
Spier, R.E., 61, 227
- Takamatsu, H., 149
Takano, S., 107
Tawara, Y., 143
Thömmes, J., 29
Togami, M., 143
Tokashiki, M., 149
- Varani, J., 89
Velan, B., 115
Velden-de Groot, T.A.M. van der, 213
Wandrey, C., 29
- Watanabe, K., 107
Whiteside, J.P., 227
Wilder, P.J., 69
- Yamanaka, S., 107
- Youn, S.E., 221

Key Word Index

- acetobacter 107
- acetylcholinesterase 115
- aggregate culture 115
- alginate 1
- amino acids 99
- anchorage independent mammalian cells 149
- antibody production 161, 213
- apoptosis 13, 99
- AtT-20 cells 1
- AtT-20 spheroids 1
- attachment 221

- biomass 185
- biotechnology 185

- C2.8 hepatocytic cells 13
- Caco-2 175
- calcium-alginate capsule 41
- cell 107
- cell culture 143
- cell culture apparatus 143
- cell recycle 51
- cell viability 99
- cells 203
- cellulose 107
- Centella asiatica* 221
- centrifugation 149
- chimeric antibody 125
- Chinese hamster ovary cells 79
- CHO 185
- collagen 89
- collagen microspheres 29
- colorimetric assay 227
- continuous culture 213
- cultivation system for anchorage-dependent cells 115
- culture 107
- culture age 213
- culture medium 161
- cultured 203
- cytotoxin 69

- dialysis membrane 143
- dielectric spectroscopy 185, 195
- DOT influence 29

- EGF 21
- EGF receptor 21
- EGF receptor mRNA expression 21
- EGF receptor nucleotide sequence 21
- embryonal carcinoma cells 69
- endothelium 203
- entrapped spheroids 1
- epithelial monolayer 175

- FGF receptors 69
- fibroblast growth factor 69
- filtration 51, 149

- fixed bed bioreactor 125
- fluidized bed bioreactor 29, 125
- fructose 161

- gelatin 89
- glutamine 161
- gravitational settling 149
- growth factor deprivation 13

- HeLa 185
- hepatocyte growth factor 13
- high density perfusion culture 149
- HTC 195
- human intestine 175
- human monoclonal antibody 161
- hybridoma 51, 99
- hybridoma cells 133, 213, 227
- hybridoma culture 41

- insulin secretion 1

- lactic acid 161

- mammalian 107
- MDCK 89
- medium design 133
- microbeads 195
- microcarrier 89, 203
- microcarriers 115, 221
- microencapsulation 41
- monoclonal antibody 29, 51, 133
- monoclonal antibody production 41
- mouse 55
- myogenesis markers 55

- Namalwa KJM-1 cells 79
- neutral red 227

- oxygen transfer analysis 41

- peptide transport 175
- perfusion 143
- perfusion culture 29
- polylysine 89
- primary muscle cell culture 55
- pro-urokinase 79
- Pronectin-F 89
- protease activity 79
- protein synthesis 99
- pulse spectroscopy 195

- recombinant BHK cells 125
- recombinant cells 115
- saporin 69
- serum-free culture 175
- serum-free medium 79, 221
- stability of expressed-protein 79

Stomacher blender 55
suspended-cell culture 149
system productivity 125

teratoma 21
tissue engineering 1
tPA 221
transferrin substitution 133
trypsinization 55
tumorigenicity 21

viable cells 227

